

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117053.D
 Acq On : 16 Sep 2019 10:48
 Operator : HP/JU
 Sample : PB123079BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BL

Quant Time: Sep 16 15:01:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82437	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	322617	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	171474	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	286783	20.00	ng	0.00
76) Chrysene-d12	13.96	240	194258	20.00	ng	-0.01
87) Perylene-d12	15.41	264	155653	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	633944	120.06	ng	0.02
7) Phenol-d6	6.46	99	860759	126.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	553957	90.22	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	188050	131.22	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	982804	89.62	ng	0.00
79) Terphenyl-d14	12.92	244	966075	92.96	ng	0.00

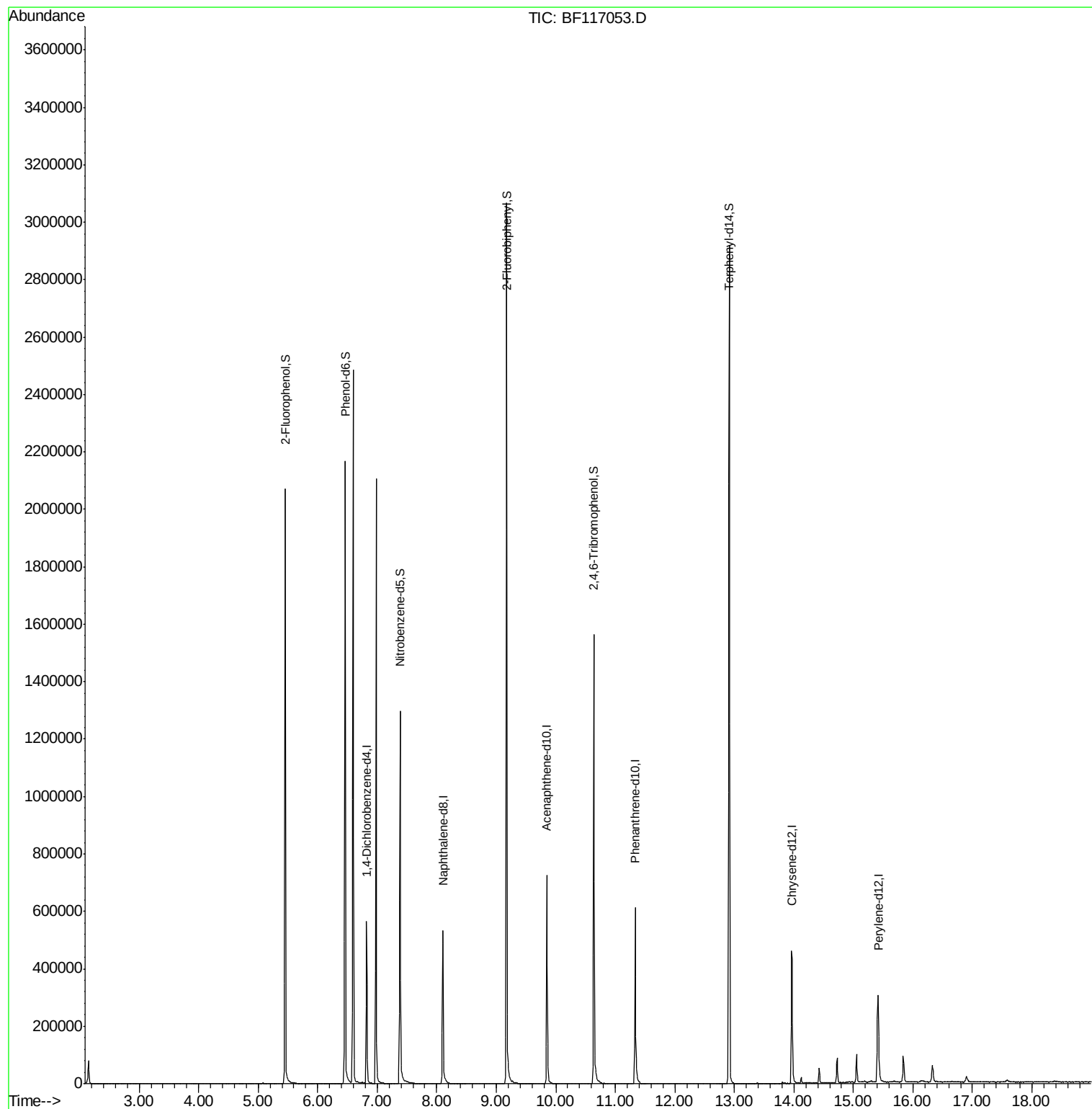
Target Compounds Qvalue

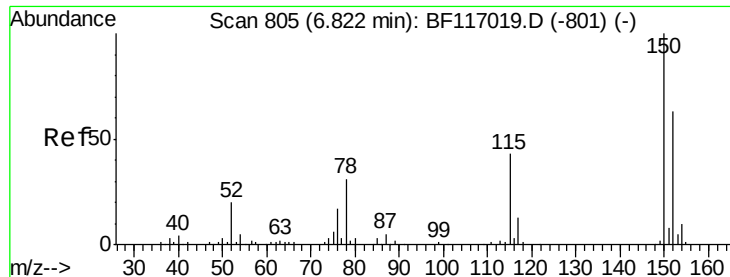
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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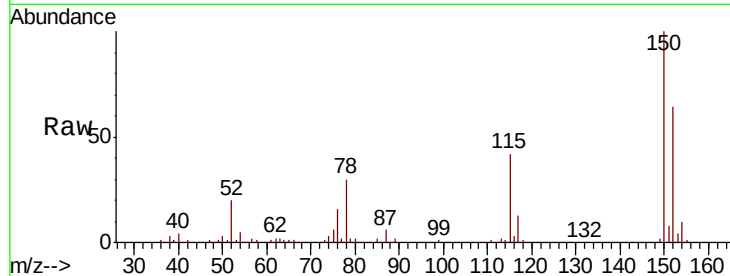


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF117053.D
 Acq: 16 Sep 2019 10:48

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.5	191.3
115	65.6	55.0	82.4

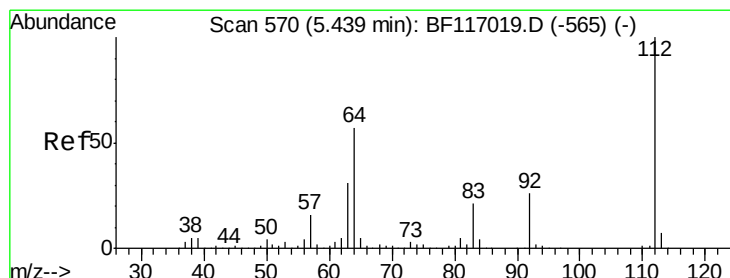
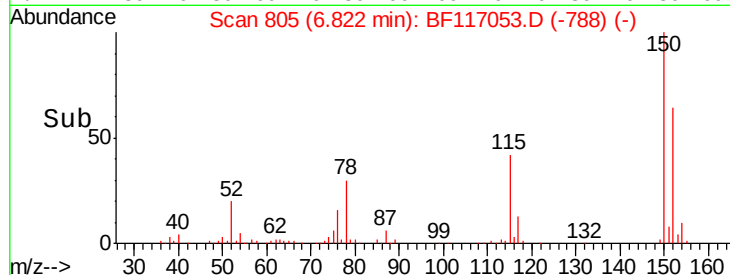
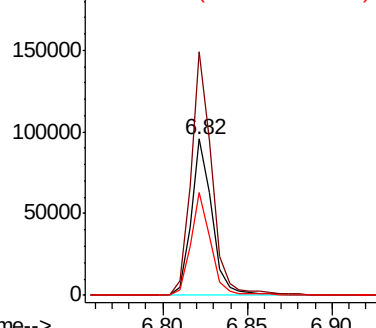


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

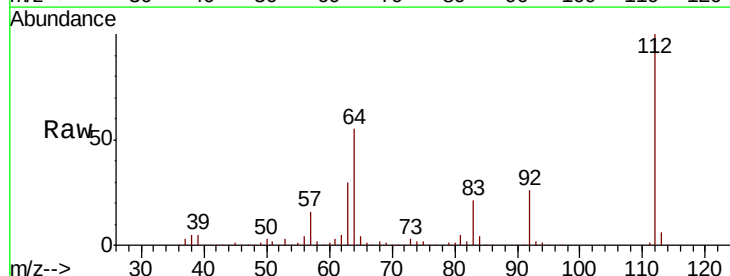
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 120.061 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117053.D
 Acq: 16 Sep 2019 10:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	29.7	24.9	37.3

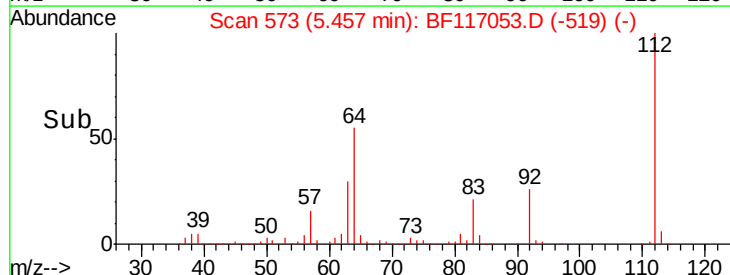
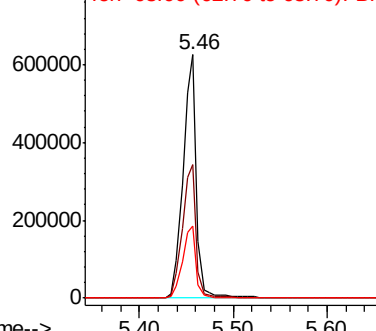


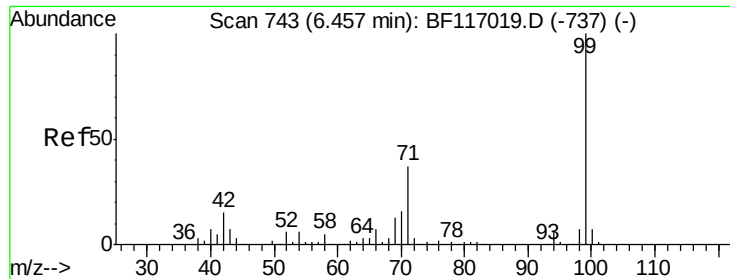
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.138 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117053.D

Acq: 16 Sep 2019 10:48

Instrument :

BNA_F

ClientSampleId :

PB123079BL

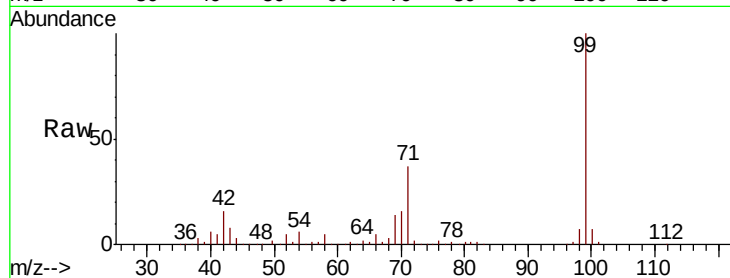
Tot Ion: 99 Resp: 860759

Ion Ratio Lower Upper

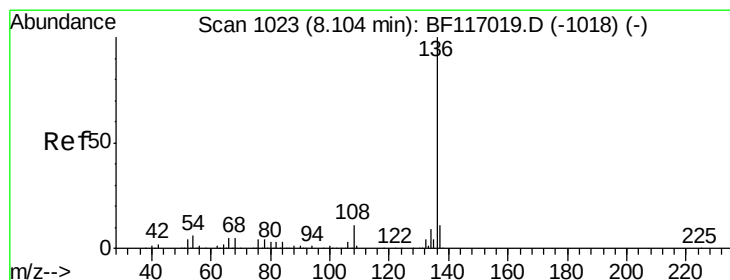
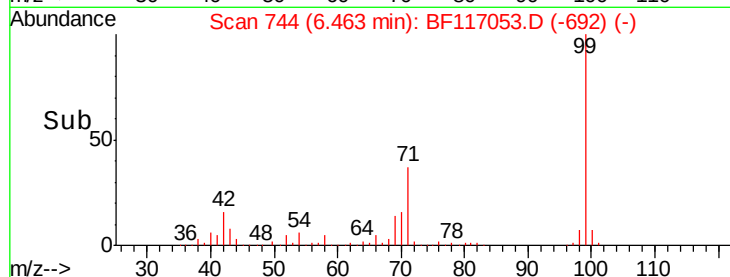
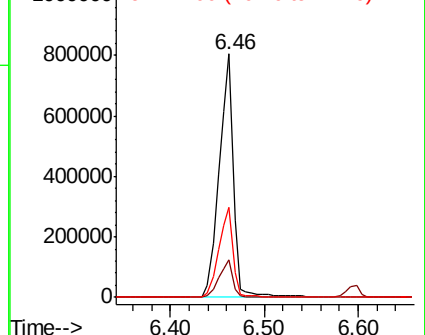
99 100

42 15.6 12.2 18.2

71 36.9 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117053.D

Acq: 16 Sep 2019 10:48

Tgt Ion: 136 Resp: 322617

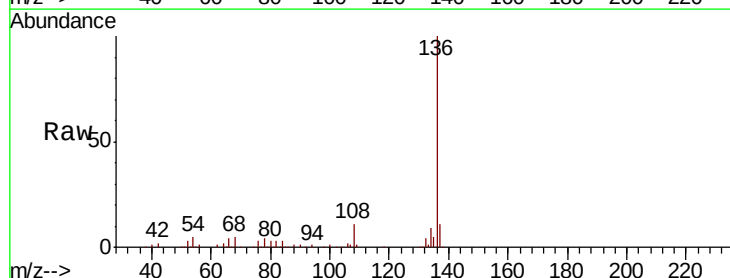
Ion Ratio Lower Upper

136 100

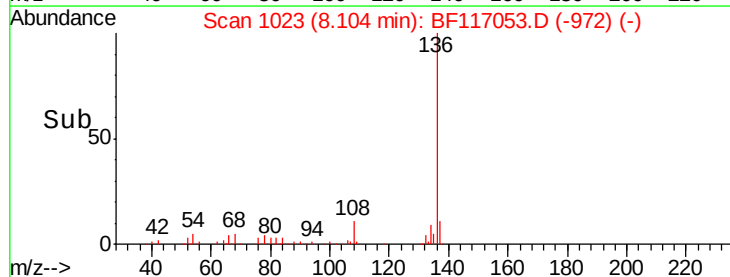
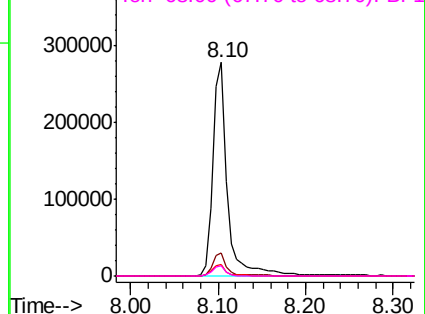
137 10.9 9.0 13.4

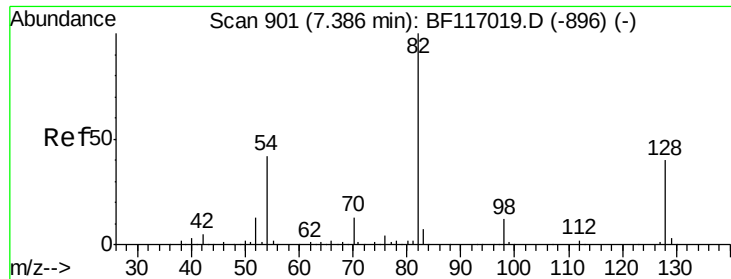
54 5.2 4.5 6.7

68 4.6 4.0 6.0



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

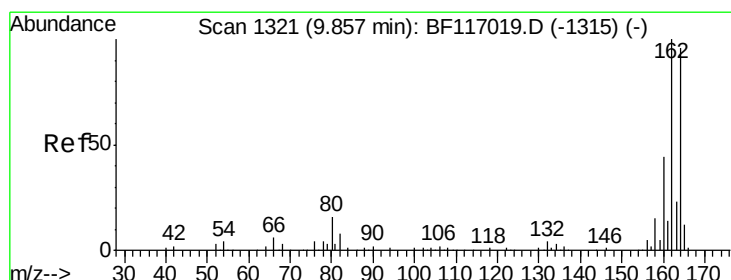
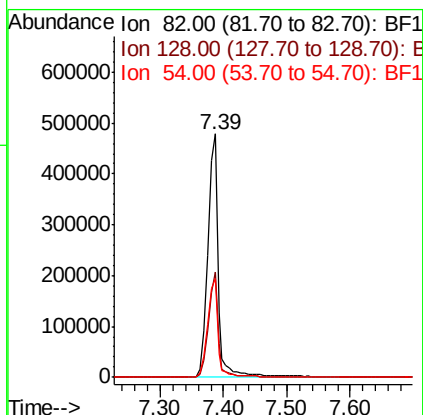
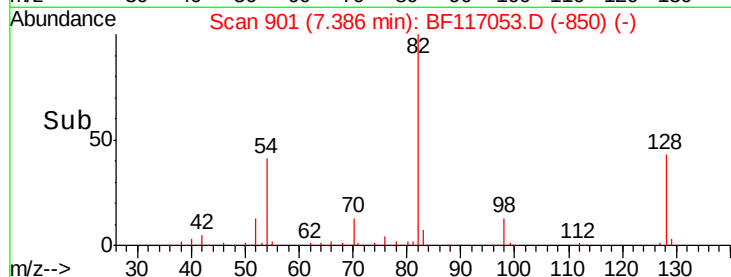
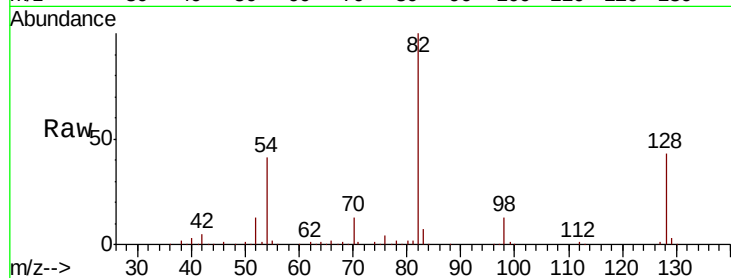




#23
 Nitrobenzene-d5
 Concen: 90.219 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117053.D
 Acq: 16 Sep 2019 10:48

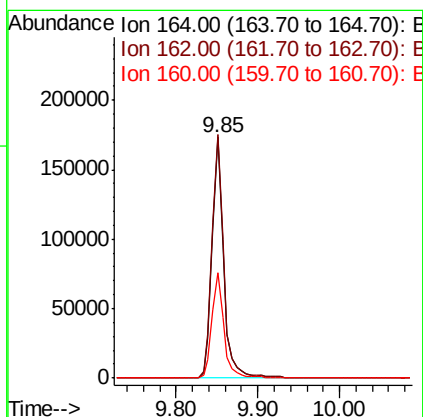
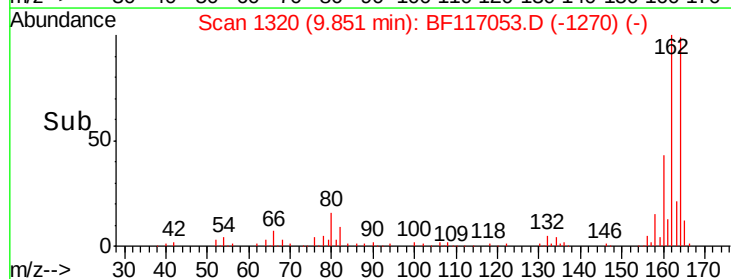
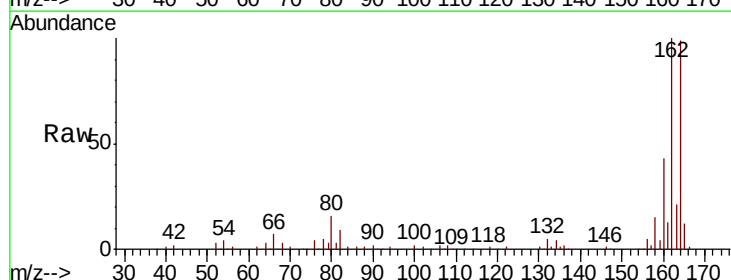
Instrument :
 BNA_F
 ClientSampleId :
 PB123079BL

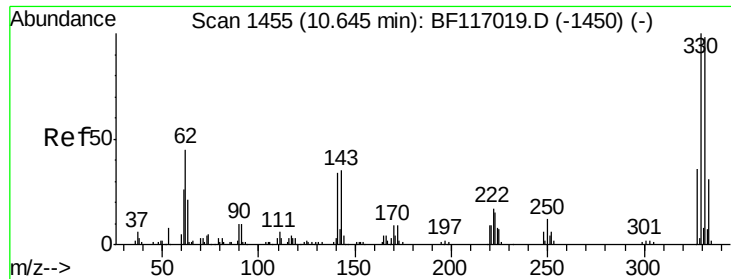
Tot Ion	82	Resp	553957
Ion Ratio	100	Lower	Upper
128	43.1	32.3	48.5
54	40.7	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117053.D
 Acq: 16 Sep 2019 10:48

Tgt Ion	164	Resp	171474
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.3	83.4	125.2
160	43.8	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 131.216 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117053.D

Acq: 16 Sep 2019 10:48

Instrument :

BNA_F

ClientSampleId :

PB123079BL

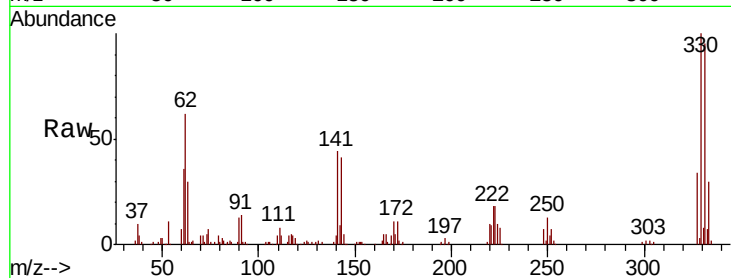
Tot Ion:330 Resp: 188050

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 43.9 35.8 53.6

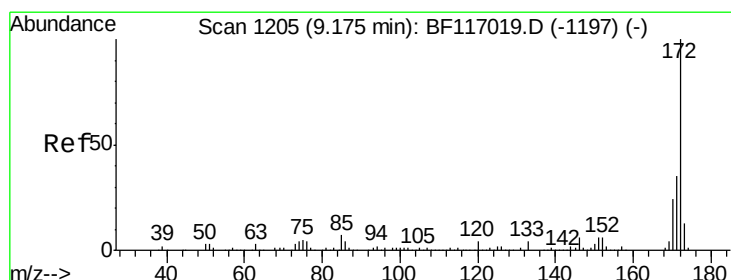
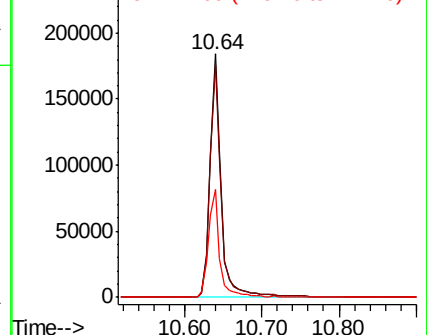
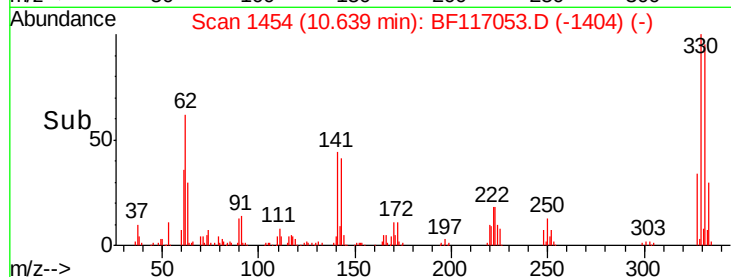


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 89.616 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF117053.D

Acq: 16 Sep 2019 10:48

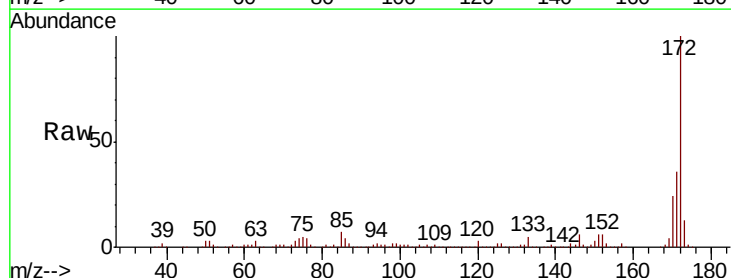
Tgt Ion:172 Resp: 982804

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.0 18.9 28.3

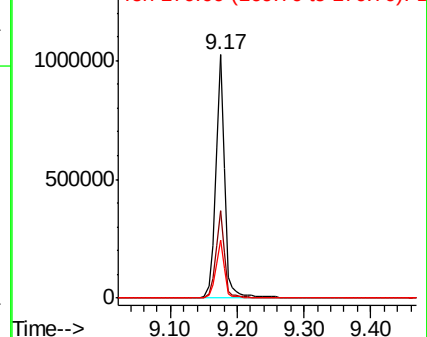
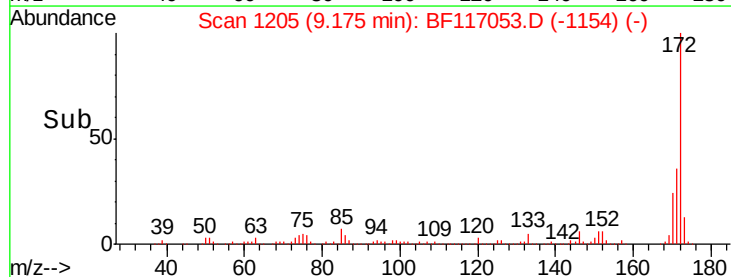


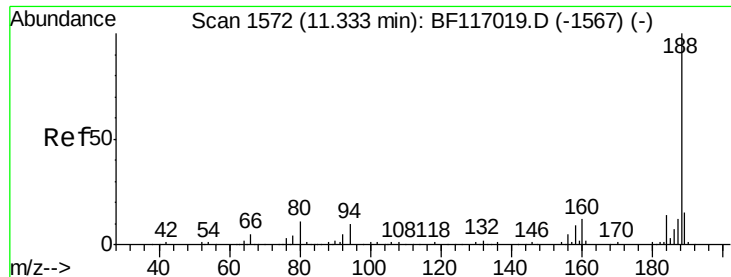
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

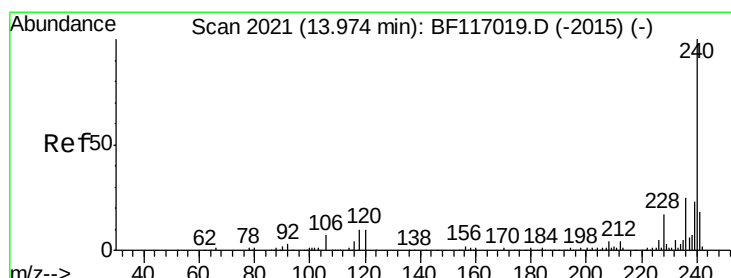
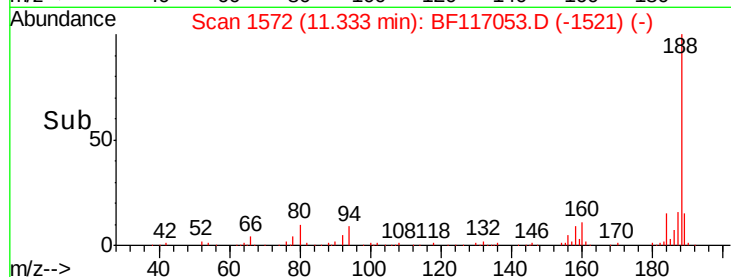
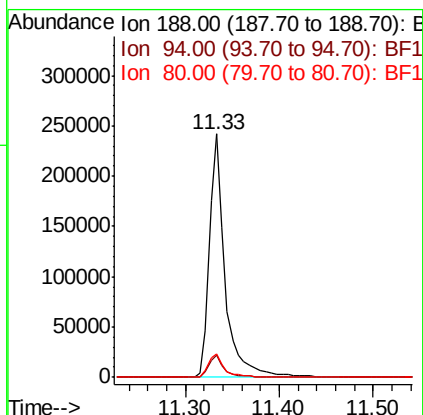
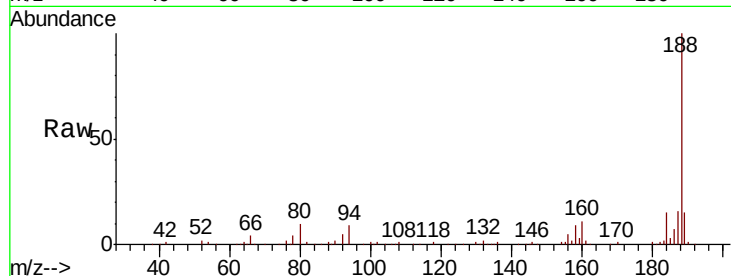




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117053.D
Acq: 16 Sep 2019 10:48

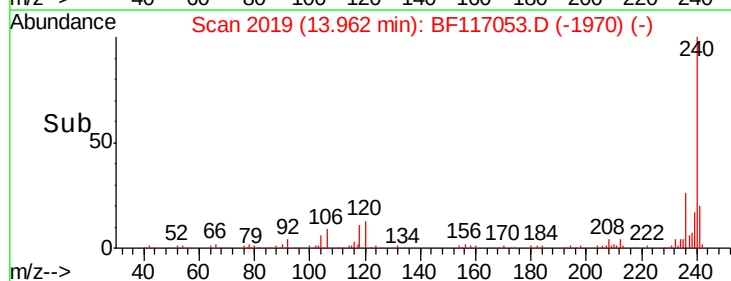
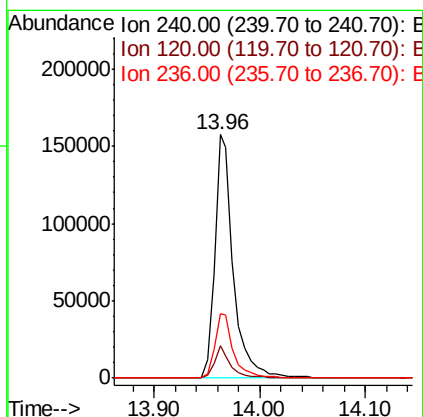
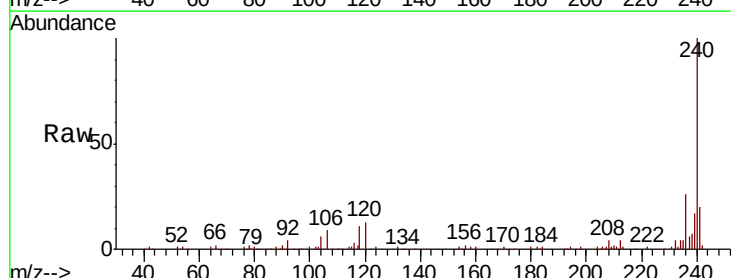
Instrument :
BNA_F
ClientSampleId :
PB123079BL

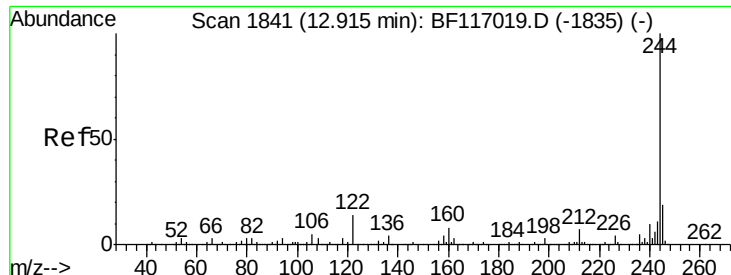
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.6	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117053.D
Acq: 16 Sep 2019 10:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	26.3	20.3	30.5

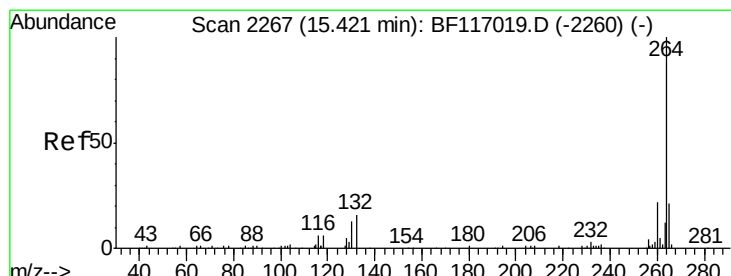
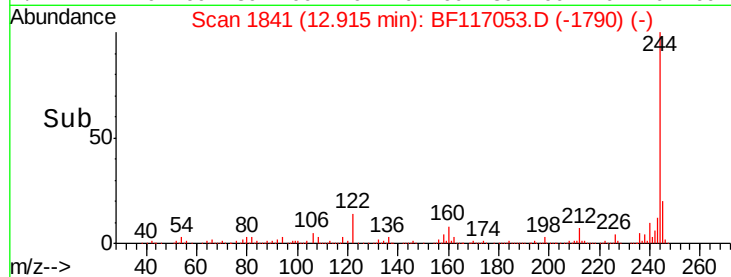
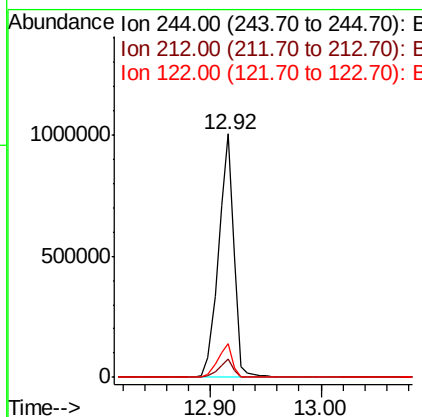
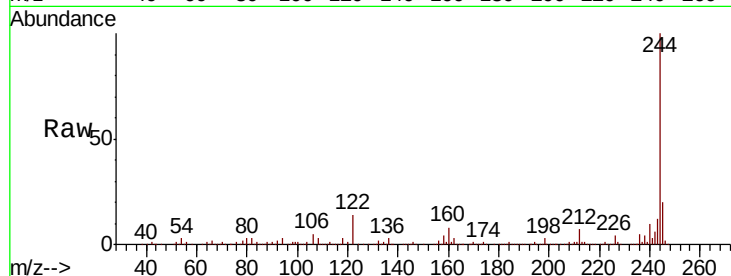




#79
 Terphenyl-d14
 Concen: 92.959 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117053.D
 Acq: 16 Sep 2019 10:48

Instrument :
 BNA_F
 ClientSampled :
 PB123079BL

Tot Ion:244 Resp: 966075
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 14.0 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117053.D
 Acq: 16 Sep 2019 10:48

Tgt Ion:264 Resp: 155653
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.6 26.4
 265 22.3 16.6 24.8

